Index of Claims

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10/808,737

Examiner

Binh C. Tat

Applicant(s)/Patent under Reexamination

ZHAO ET AL.

Art Unit

2825

| √ | Rejected |
|---|----------|
| = | Allowed  |

| 1 | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
|   | Interference |

| A | Appeal   |
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| o | Objected |

| Cla          | aim Date   |                |                   |         |          | Cla      | im              |               |          |              | Date     |                |           |              |                 | Cla     | im                |           |   |               | Date       |          |          | _         |                 |          |          |                    |           |
|--------------|------------|----------------|-------------------|---------|----------|----------|-----------------|---------------|----------|--------------|----------|----------------|-----------|--------------|-----------------|---------|-------------------|-----------|---|---------------|------------|----------|----------|-----------|-----------------|----------|----------|--------------------|-----------|
| Final        | Original   | 10/15/05       |                   |         |          |          |                 |               |          | Final        | Original |                |           |              |                 |         |                   |           |   | Final         | Original   |          |          |           |                 |          |          |                    |           |
| 1            | 1          | =              |                   | T       | 1 -      |          |                 |               |          |              | 51       |                |           |              |                 |         |                   |           |   |               | 101        |          |          |           |                 |          |          | $\Box$             |           |
| 2            | 2          | =              |                   |         |          |          |                 |               |          |              | 52       |                |           |              |                 |         |                   |           |   |               | 102        |          |          |           |                 |          |          | $\perp$            | _         |
| З            | 3          | =              |                   |         |          |          |                 |               | _        |              | 53_      | _              | _         | Ш            | Ц.              |         | 41                | _         |   |               | 103        | _        |          | $\bot$    | ↓_              |          | _        | 4                  | 4         |
| 4            | 4          | =              | $\perp$           | _       | ↓        | Ш        | Ш               | _             | 4        |              | 54       |                | $\bot$    |              |                 |         | <del> </del>      | _         |   |               | 104        |          | +        | +         | $\vdash$        | _        | -        | $\dashv$           | 4         |
| 5            | 5          | =              | -                 | _       | -        | $\perp$  | $\vdash$        | $\rightarrow$ | -        |              | 55       | -              | +         | $\vdash$     | $\perp$         |         | +                 |           |   |               | 105        | $\dashv$ |          |           | ┢               |          |          | +                  | 4         |
| 6            | 6          | =              |                   | _       | -        | $\vdash$ | $\vdash$        |               | -        |              | 56<br>57 |                | +-        | -            | $\dashv$        | +       | ╂╌┤               | -         |   |               | 106<br>107 | -        |          | ╁         | -               | $\vdash$ |          | +                  | -         |
| 7            | 7          | =              | $\vdash$          | +       | +-       | $\vdash$ | H               |               | -        |              | 58       |                | +         | -            | -               |         | +                 | $\dashv$  |   |               | 108        | +        | +        | +         | ╁               | $\vdash$ | $\dashv$ | +                  | $\dashv$  |
| 8<br>9       | 9          | =              |                   | +       | +        | $\vdash$ | $\vdash$        | +             |          |              | 59       |                | +         | Н            | $\dashv$        | +       | +-1               | $\dashv$  |   |               | 109        |          | +        | +         | $\vdash$        |          | $\dashv$ | +                  | ᅱ         |
| 10           | 10         | =              | $\vdash$          | +       | +        | $\vdash$ |                 | $\dashv$      | -        |              | 60       |                | +         | H            | $\dashv$        | +       | 1-1               | $\dashv$  |   |               | 110        | -        |          | ╁         | $\vdash$        |          | +        | +                  | ┪         |
| 11           | 11         | =              | $\vdash$          |         | +        | Н        | $\vdash$        | _             | -        | $\vdash$     | 61       |                | +         | +            | $\vdash$        | $\top$  | +                 | $\dashv$  |   |               | 111        | $\dashv$ | +        | T         | T               |          | _        | +                  | $\dashv$  |
| 12           | 12         | =              | $\vdash$          | _       | +        | Н        | Н               | $\dashv$      | 7        |              | 62       |                | $\dagger$ | Н            |                 | $\top$  | $\Box$            | $\dashv$  |   |               | 112        |          | $\top$   | 1         | Π               |          | $\neg$   | $\top$             | $\dashv$  |
| 13           | 13         | =              | $\vdash$          | 1       | 1        | П        | $\vdash$        | $\dashv$      | 7        |              | 63       | $\neg \dagger$ | $\top$    | П            | $\sqcap$        | $\top$  | $\top$            | $\exists$ |   |               | 113        | T        | $\top$   | T         |                 |          | $\neg$   | 十                  | $\dashv$  |
| 14           | 14         | =              | $\Box$            |         | 1        | П        | П               | 一             | 7        |              | 64       | 1              | $\top$    |              |                 |         | $\Box$            |           |   |               | 114        |          |          |           | Γ               |          |          |                    | $\exists$ |
| 15           | 15         | =              |                   |         | I        |          | $\Box$          |               |          |              | 65       |                |           |              |                 |         |                   |           |   |               | 115        |          | 1        |           |                 |          |          | $\Box$             |           |
| 16           | 16         | =              |                   |         |          |          |                 | $\Box$        |          |              | 66       |                | $\prod$   |              |                 |         |                   |           |   |               | 116        |          |          |           |                 |          | $\Box$   |                    |           |
| 17           | 17         | =              |                   |         |          |          |                 |               |          |              | 67       |                |           |              |                 |         |                   |           |   |               | 117        |          |          | $\perp$   |                 | Ш        |          |                    | _         |
| 18           | 18         | Ξ              |                   |         |          |          |                 |               | _        |              | 68       |                |           |              |                 | $\perp$ |                   | _         |   |               | 118        |          | _ _      | <u> </u>  | _               |          | _        | $\perp$            | 4         |
| 19           | 19         | =              | $\Box$            |         | _        |          |                 |               | _        |              | 69       |                |           | Ш            |                 |         | 1                 |           |   |               | 119        |          |          | 1_        |                 |          | _        | $\perp$            | _         |
| 20           | 20         | =              | $\perp$           |         | <u> </u> | Ш        |                 |               | _        |              | 70       |                |           |              |                 | _ _     |                   |           |   |               | 120        | _        |          | _         | -               |          | _        | $\perp$            | ᆚ         |
|              | 21-<br>220 |                | $\perp$           |         | <u> </u> |          |                 |               | 4        |              | 71       | _              |           | $\sqcup$     |                 |         | 4                 | _         |   |               | 121        | _        |          | -         | <u> </u>        |          | _        | 4                  | _         |
|              | 22         | :              | $\rightarrow$     | _       | ₩        | $\perp$  | $\sqcup$        |               | -        |              | 72       | _              | <b>_</b>  | -            | -               | -       | 4                 | _         |   |               | 122        |          | -        | -         | ┼               | Н        | $\dashv$ | +                  | 4         |
|              | 23'        |                | +                 | _       | +        | $\perp$  | $\vdash$        |               | -        |              | 73       | _              | -         | -            |                 | -       |                   |           | } | $\rightarrow$ | 123        | -+       |          | +         | -               | Н        | $\dashv$ | +                  | 4         |
| -            | 24         |                | $\dashv$          |         | +-       | $\vdash$ | $\vdash$        | +             | -        | <del> </del> | 74<br>75 |                | -         | $\vdash$     | $\vdash$        |         |                   | $\dashv$  |   |               | 124<br>125 | +        | +        | +         | ┼               | Н        | -        | +                  | ᅱ         |
| 21           | 25<br>26   | =              |                   | +       | +        | -        | ┝               |               | $\dashv$ | <u> </u>     | 76       |                |           | ╁╌           | -               | +       | +                 | -         | 1 |               | 126        | $\dashv$ |          | +         | 1               | Н        | +        | +                  | ᅱ         |
|              | 27         | <del> </del>   | $\vdash$          | +       | +        | $\vdash$ | $\vdash$        |               | -        | <u> </u>     | 77       | -              |           | $\vdash$     |                 | +       |                   | -         |   |               | 127        | $\dashv$ | -        | +         | ╁               | Н        | $\dashv$ | +                  | ᅥ         |
|              | 28         | ┝              | $\dashv$          | ╅       | ╁        | Н        | Н               | +             |          |              | 78       | -+             | +-        | Н            |                 | +       |                   | $\dashv$  |   |               | 128        | $\dashv$ | +        | +         | $\vdash$        |          | +        | $\dashv$           | $\dashv$  |
| $\vdash$     | 29         | $\vdash$       | $\vdash$          | +       | ╁╌       | H        | H               | .             | -        |              | 79       |                |           | +            |                 |         |                   | $\dashv$  |   |               | 129        | $\neg$   |          | +         | $\vdash$        |          | _        | $\dashv$           | ╛         |
|              | 30         |                |                   | +       | ┿        | Н        |                 | $\dashv$      | اااا     |              | 80       | $\dashv$       |           | $\vdash$     | $\vdash$        |         | +                 | $\dashv$  |   | $\neg$        | 130        | $\dashv$ | $\neg$   | +-        | <b>†</b>        |          | _        | $^{+}$             | ㅓ         |
|              | 31         |                |                   | +       | +        | 1        |                 | _             | -        |              | 81       | $\dashv$       | _         | <del> </del> | $\dashv$        |         | t                 | $\neg$    |   |               | 131        | $\neg$   | _        | $\top$    | <u> </u>        |          | 1        | 十                  | ╗         |
|              | 32         |                |                   | $\top$  | $\top$   |          | П               | $\dashv$      | 7!!!!    |              | 82       |                | 1         |              |                 |         |                   |           |   |               | 132        |          |          | I         |                 |          |          | 丁                  |           |
|              | 33         |                |                   |         |          |          |                 |               |          |              | 83       |                | Ι         |              |                 |         |                   |           |   |               | 133        |          |          |           |                 |          |          |                    |           |
|              | 34         |                |                   |         |          |          |                 |               |          |              | 84       |                |           |              |                 |         |                   |           |   |               | 134        | $\Box$   |          |           |                 |          |          | $oldsymbol{\perp}$ |           |
|              | 35         |                |                   | Ĺ       |          | Ш        | Ш               | $\perp$       | _        |              | 85       |                |           | $\Box$       | $\Box$          |         | Ш                 |           |   |               | 135        |          | $\perp$  | $\perp$   |                 | Ш        | $\Box$   | $\perp$            | $\Box$    |
|              | 36         |                | $\perp$           | $\perp$ | <u> </u> | Ш        | Ш               | $\perp$       | _        |              | 86       | $\perp$        | $\perp$   | $\perp$      | $\sqcup$        |         | $\perp$           |           |   |               | 136        | $\perp$  | $\perp$  | $\bot$    | _               | Ш        | _        | 4                  | _         |
|              | 37         | <u> </u>       |                   | $\perp$ | 1        | Ш        | Ш               | ightharpoonup | 4        |              | 87       |                | $\bot$    | $\perp$      | $\sqcup$        | _       | $\sqcup$          |           |   |               | 137        | $\perp$  | $\perp$  | $\bot$    | $oxed{igspace}$ | Ш        | _        | $\dashv$           | _         |
| <u> </u>     | 38         | <u> </u>       | $\vdash$          | 4       | +-       | Ш        | $\sqcup$        | _             | -        | <u> </u>     | 88       | _              | +         | 1            | $\sqcup$        | _       | $\sqcup$          | _         |   |               | 138        |          | _        | +         | 1               | Ш        | $\dashv$ | $\dashv$           | 4         |
| <u> </u>     | 39         | <u> </u>       | $\vdash$          | +       | 4-       | $\vdash$ | $\sqcup$        | _             | -        | <u> </u>     | 89       |                |           | ┼            | $\vdash \vdash$ | +       | $\vdash$          | $\dashv$  |   |               | 139        | -        |          | +         | 1               | Ш        | $\dashv$ | +                  | 4         |
| <b> </b>     | 40         | <u> </u>       | ⊢-                |         |          |          | $\vdash \vdash$ |               | -        | <u> </u>     | 90       | +              | +-        | -            | $\vdash$        |         | +                 | $\dashv$  |   |               | 140        | -+       | +        | +-        | $\vdash$        | Н        | $\dashv$ | +                  | $\dashv$  |
| <del> </del> | 41<br>42   | <del> </del> - |                   | +       | +        | $\vdash$ | ┝╌┤             | +             |          | $\vdash$     | 91<br>92 | -+             | -         | +            | $\vdash$        | +       | $\vdash$          | $\dashv$  |   |               | 141<br>142 | +        | $\dashv$ | +         | $\vdash$        | $\vdash$ | $\dashv$ | +                  | $\dashv$  |
| <u> </u>     | 42         | $\vdash$       | $\dashv$          | ╬       | +-       | -        |                 | -             | -        | <b> </b>     | 93       | -              | +         | +            | $\vdash$        | +       | $\vdash$          | $\dashv$  |   |               | 142        | $\dashv$ |          | +-        | $\vdash$        | Н        | $\dashv$ | +                  | $\dashv$  |
| <del> </del> | 44         | $\vdash$       | +                 | ╅       | +-       | $\vdash$ | $\vdash \vdash$ | $\dashv$      | $\dashv$ | <u> </u>     | 93       | -              | +         | ╂╌┤          | $\vdash$        | +       | +                 | $\dashv$  |   |               | 144        | $\dashv$ | +        | ╁         | ╆               | H        | +        | +                  | $\dashv$  |
| <del> </del> | 45         | $\vdash$       | $\vdash$          | +       | +-       | $\vdash$ | $\vdash$        | -+            | -        |              | 95       |                | +         | +            | $\vdash \vdash$ | +       | +                 | $\dashv$  |   |               | 145        | $\dashv$ | +        | +         | $\vdash$        | Н        | $\dashv$ | +                  | $\dashv$  |
| $\vdash$     | 46         | $\vdash$       | $\vdash$          |         | 1        | $\vdash$ | H               | $\dashv$      | -        | <u> </u>     | 96       |                | +         | Н            | $\vdash$        | +       | +                 | $\dashv$  |   |               | 146        | $\dashv$ |          | $\top$    | T               | Н        | $\dashv$ | +                  | $\dashv$  |
|              | 47         | ┢              | $\vdash \uparrow$ | $\top$  | T        | Н        | $\vdash \vdash$ | $\dashv$      |          |              | 97       | _              | +         | П            | $\vdash$        | $\top$  | $\dagger \exists$ |           |   |               | 147        | $\dashv$ | +        | 1         | T               | H        | $\dashv$ | +                  | ٦         |
|              | 48         | ı              | $\dashv$          | $\top$  | T        | Н        | $\sqcap$        | $\dashv$      | 1        |              | 98       | 1              | +         | T            | $\vdash$        | $\top$  | +                 | $\dashv$  |   |               | 148        | $\dashv$ | $\top$   | $\dagger$ | Τ               | Н        | $\dashv$ | 十                  | ٦         |
| _            | 49         |                | $\sqcap$          | $\top$  | 1        | П        | П               | $\top$        | 7        |              | 99       | $\neg$         | $\top$    | $\sqcap$     | $\vdash$        | 1       | $\sqcap$          |           |   | 一             | 149        | 一        | $\top$   | 1         |                 |          | T        | $\top$             | $\exists$ |
|              | 50         |                |                   |         |          |          |                 |               |          |              | 100      |                |           |              |                 |         |                   |           |   |               | 150        |          |          |           |                 |          |          |                    |           |